STIC Search Report
EIC 3700

STIC Database Tracking Number: 223390

TO: Theresa Trieu **Location: RND 9d21** **Art Unit: 3748** **Monday, April 30, 2007** **Case Serial Number: 10/681353**	**From: Terry Solomon** **Location: EIC 3700** **RND 8b31** **Phone: 272-4240** **terrance.solomon@uspto.gov**

Search Notes

No current or active litigation found involving US pat. 6350111.

Sources:

Lexis/Nexis
Questel-Orbit
Courtlink

639004 (09) 6350111 February 26, 2002

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

6350111

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February 26, 2002

Scroll machine with ported orbiting scroll member

REISSUE: October 8, 2003 - Reissue Application filed Ex. Gp.: 3748; Re. S.N. 10/681,353 (O.G. December 14, 2004)

CERT-CORRECTION: April 29, 2003 - a Certificate of Correction was issued for this patent (O.G. May 20, 2003)

APPL-NO: 639004 (09)

FILED-DATE: August 15, 2000

GRANTED-DATE: February 26, 2002

ASSIGNEE-PRE-ISSUE: August 15, 2000 - ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS)., COPELAND CORPORATION 1675 W. CAMPBELL ROADSIDNEY, OHIO, 45365, Reel and Frame Number: 011127/0948

ASSIGNEE-AT-ISSUE: Copeland Corporation, Sidney, Ohio, United States (US), United States company or corporation (02)

LEGAL-REP: Harness, Dickey & Pierce, P.L.C.

Patent Search 6,350,111 4/30/2007

No cases found.

Selected file: PLUSPAT
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Comprehensive Worldwide Patents database

**** SS 1: Results 1**
PRT SS 1 MAX 1 LEGALALL

1 / 1 PLUSPAT - ©QUESTEL-ORBIT

Patent Number :
US6350111 B1 20020226 [US6350111]

Title :
(B1) Scroll machine with ported orbiting scroll member

Patent Assignee :
(B1) COPELAND CORP (US)

Patent Assignee :
Copeland Corporation, Sidney OH [US]

Inventor(s) :
(B1) PEREVOZCHIKOV MICHAEL MIKHAYLO (US); DOEPKER ROY (US)

Application Nbr :
US63900400 20000815 [2000US-0639004]

Priority Details :
US63900400 20000815 [2000US-0639004]

Intl Patent Class :
(B1) F04B-049/03 F04C-018/04 F04C-029/10

IPC Advanced All :
F04C-018/02 [2006-01 A - I R M EP]; F04C-023/00 [2006-01 A - I R M EP];
F04C-029/00 [2006-01 A - I R M EP]

IPC Core All :
F04C-018/02 [2006 C - I R M EP]; F04C-023/00 [2006 C - I R M EP];
F04C-029/00 [2006 C - I R M EP]

EPO ECLA Class :
F04C-018/02B6
F04C-023/00D
F04C-029/04B

US Patent Class :
ORIGINAL (O) : 417440000; CROSS-REFERENCE (X) : 418055600 418087000 418099000

Document Type :
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Citations :
US4314796; US4818198; US4898521; US5178527; US5329788; US5645408; US5660539; US5722257; US5810573; US5888057; US5931650; US5989000; JP6-26472

Publication Stage :
(B1) U.S. Patent (no pre-grant pub.) after Jan. 2, 2001

Abstract :
A scroll compressor includes a fluid injection system. The fluid injection system includes a fluid passage which extends from a position outside of the shell of the compressor to the fluid pockets created by the wraps of the scroll members. The fluid passage extends through the orbiting scroll member. The fluid injection system can be used to inject gaseous or liquid refrigerant, lubricant or the fluid injection system can be used to vent the moving pocket to the suction area of the compressor for capacity modulation.

Update Code :
2002-10

1 / 1 LGST - ©EPO

Patent Number :
US6350111 B1 20020226 [US6350111]

Application Number :

US63900400 20000815 [2000US-0639004]

Action Taken :

20000815 US/AS-A
ASSIGNMENT
OWNER: COPELAND CORPORATION 1675 W. CAMPBELL ROAD SIDNEY; EFFECTIVE DATE: 20000808
ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNORS:PEREVOZCHIKOV, MICHAEL MIKHAYLOVICH;DOEPKER, ROY;REEL/FRAME:011127/0948

20030429 US/CC-A
CERTIFICATE OF CORRECTION

20041214 US/RF-A
REISSUE APPLICATION FILED
EFFECTIVE DATE: 20031008

Update Code :

2004-52

1 / 1 CRXX - ©CLAIMS/RRX

Patent Number :

6,350,111 A 20020226 [US6350111]

Patent Assignee :

Copeland Corp

Actions :

20031008 REISSUE REQUESTED
ISSUE DATE OF O.G.: 20041214
REISSUE REQUEST NUMBER: 10/681353
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 3748

Reissue Patent Number:

Session finished: 30 APR 2007 Time 18:54:01
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